PB85-249589

Superfund Record of Decision (EPA Region 8) Milltown Reservoir Sediments, Milltown, Montana (Supplement to April 14, 1984 Record of Decision) August 1985

(U.S) Environmental Protection Agency
Washington, DC

7 Aug 85

U.S. Department of Commerce
National Technical Information Service
NTIS

United States
Environmental Protection
Agency

Office of
Emergency and
Remedial Response

EPA/ROD/R08-85/002
August 1985

PB85-249589

EPA

Superfund Record of Decision:

Milltown, MT
(Supplement to 04/14/84 ROD)

REPRODUCED BY
NATIONAL TECHNICAL
INFORMATION SERVICE
U.S. DEPARTMENT OF COMMERCE
SPRINGFIELD, VA. 22161

TECHNICAL REPORT DATA
(Please read Instructions on the reverse before completing)

1. REPORT NO.	2.	3. RECIPIENT'S ACCESSION NO.
EPA/ROD/R08-85/002		PB85-249589/AS

4. TITLE AND SUBTITLE	5. REPORT DATE
SUPERFUND RECORD OF DECISION Milltown, MT (Supplemental ROD)	August 7, 1985
	6. PERFORMING ORGANIZATION CODE
7. AUTHOR(S)	8. PERFORMING ORGANIZATION REPORT NO.
9. PERFORMING ORGANIZATION NAME AND ADDRESS	10. PROGRAM ELEMENT NO.
	11. CONTRACT/GRANT NO.
12. SPONSORING AGENCY NAME AND ADDRESS U.S. Environmental Protection Agency 401 M Street, S.W. Washington, D.C. 20460	13. TYPE OF REPORT AND PERIOD COVERED Final ROD Report
	14. SPONSORING AGENCY CODE 800/00

15. SUPPLEMENTARY NOTES

16. ABSTRACT

The Milltown Reservoir Sediments site is located in Missoula County, Montana. The site is adjacent to the Milltown Dam where the Big Blackfoot River joins the Clark Fork River. Constructed in 1906, this hydroelectric dam formed a reservoir that trapped sediments from mining, milling and smelting operations in the upper Clark Fork valley. During the years since construction, the reservoir storage has been almost totally filled with arsenic contaminated sediments. In May 1981, Milltown's four community water supply wells were found to be contaminated with arsenic and other heavy metals. The highest arsenic levels measured have been between 0.54 to 0.90 milligrams per liter (mg/l).

The original ROD was signed in April 1984 approving the installation of an alternative water supply, and the flushing of the plumbing system of each house to remove suspended materials from the water system. This supplemental ROD approves the replacement of household water supply appurtenances and on-going sampling of residential water systems to fulfill the intent of the original ROD.

17. KEY WORDS AND DOCUMENT ANALYSIS

a. DESCRIPTORS	b. IDENTIFIERS/OPEN ENDED TERMS	c. COSATI Field/Group
Record of Decision Milltown, MT (Supplemental ROD) Contaminated Media: gw, soil Key contaminants: heavy metals, arsenic		

18. DISTRIBUTION STATEMENT	19. SECURITY CLASS (This Report) None	21. NO. OF PAGES 4
	20. SECURITY CLASS (This page) None	22. PRICE

EPA Form 2220-1 (Rev. 4-77) PREVIOUS EDITION IS OBSOLETE

SUPPLEMENTAL RECORD OF DECISION
REMEDIAL ALTERNATIVE SELECTION
ADDITIONAL MEASURES TO REPLACEMENT POTABLE WATER SUPPLY

Site: Milltown Reservoir Sediments, Milltown, Montana

Analysis Reviewed:

I have reviewed the following documents describing the necessity for additional measures to supplement the Record of Decision selection that was decided on April 14, 1984, for this site.

- Data reports from the testing and flushing of household water systems conducted under the remedial action approved in the 4/14/84 ROD.
- Recommendations by the Montana Department of Health and Environmental Sciences (MDHES).
- Memorandum from John Wardell dated August 6, 1985 with attached staff report titled "Supplementary Analysis of Milltown, Montana Drinking Water Supply."

Description of Selected Options:

- Replacement of household water supply appurtenances that remain a source for persistent arsenic and heavy metal contamination as described in the support documentation referenced above.
- On-going sampling of individual residences to insure that the sources of contamination have been removed.

Declarations:

Consistent with the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA), and the National Contingency Plan (40 CFR Part 300), I have determined that the replacement of water supply appurtenances and on-going sampling of residential water systems is necessary to fulfill the intent of the original ROD and therefore are cost-effective remedies, and that they are part of a key action necessary to provide adequate protection for public health, welfare and the environment. The State of Montana has been consulted and agrees with the approved remedy. I have determined that this action is appropriate when balanced against the need to use Trust Fund money at other sites.

The State is conducting additional remedial investigation/feasibility study to evaluate the extent of contamination. If additional remedial actions are determined to be necessary, a record of decision will be prepared for approval of the future remedial action.

Kerrigan D Clough /for
John G. Welles
Regional Administrator

AUG 7 1985
Date